AUTHOR INDEX

Able, K.W., *see* Roman, C.T.
Aedo, C. and Fernández Casado, M.A. (Oviedo, Spain)
The taxonomic position of *Ruppia* populations along the Cantabrian coast 187
Bagi, I. (Szeged, Hungary)
Effects of mud vegetation on the nutrient condition of flood-plain lakes 321
Barko, J.W., Smart, R.M., McFarland, D.G. and Chen, R.L. (Vicksburg, MS, U.S.A.)
Interrelationships between the growth of *Hydrilla verticillata* (L.f.) Royle and sediment nutrient availability 205
Barnabas, A.D. (Durban, South Africa)
Apoplastic tracer studies in the leaves of a seagrass. 1. Pathway through epidermal and mesophyll tissues 63
Blindow, I. (Lund, Sweden)
Phosphorus toxicity in *Chara* 393
Bonde, G., *see* Søndergaard, M.
Botts, P.S. and Cowell, B.C. (Tampa, FL, U.S.A.)
The distribution and abundance of herbaceous angiosperms in west-central Florida marshes 225
Broome, S.W., Seneca, E.D. and Woodhouse, W.W., Jr. (Raleigh, NC, U.S.A.)
Tidal salt marsh restoration 1
Brux, H., Herr, W., Todeskino, D. and Wiegleb, G. (Oldenburg, F.R.G.)
A study on floristic structure and dynamics of communities with *Potamogeton alpinus* Balbis in water bodies of the northern part of the Federal Republic of Germany 23
Bunt, J.S. (Bingil Bay, Qld., Australia)
Book review of *The Ecology of the Nitrogen Cycle*, by J.I. Sprent 401
Burkholder, J.M., *see* Moeller, R.E. et al.
Burton, T.M., *see* Ulrich, K.E. and Burton, T.M.
Caye, G., *see* Loquès, F. et al.
Chen, R.L., *see* Barko, J.W. et al.
Colman, J.A. and Santha, C.R. (Bangkok, Thailand)
Critical concentrations of tissue nitrogen and phosphorus for growth rate and yield in the freshwater blue-green alga *Microcystis aeruginosa* Kütz. in the tropics 167
Cooper, L.W. and McRoy, C.P. (Fairbanks, AK, U.S.A.)
Anatomical adaptations to rocky substrates and surf exposure by the seagrass genus *Phyllospadix* 365
Cowell, B.C., *see* Botts, P.S. and Cowell, B.C.
De Lyon, M.J.H., *see* Smits, A.J.M. et al.
Den Hartog, C. (Nijmegen, The Netherlands)
Book review of *Süsswasserflora von Mitteleuropa 'Bacillariophyceae' 1. Teil: Naviculaceae*, by K. Kramer and H. Lange-Bertalot 402
Dubbe, D.R., *see* Garver, E.G. et al.
Fernández Casado, M.A., *see* Aedo, C. and Fernández Casado, M.A.
France, R.L. (Toronto, Ont. Canada)
Biomass variance function for aquatic macrophytes in Ontario (Canada) Shield lakes 217
France, R.L. and Stokes, P.M. (Toronto, Ont., Canada)
Isoetid-zoobenthos associations in acid-sensitive lakes in Ontario, Canada 99
Carver, E.G., Dubbe, D.R. and Pratt, D.C. (St. Paul, MN, U.S.A.)
Seasonal patterns in accumulation and partitioning of biomass and macronutrients in *Typha* spp. 115

Herr, W., *see* Brux, H. et al.
Jewett-Smith, J., *see* McMillan, C.
Johnson, W.C., *see* Poiani, K.A. and Johnson, W.C.
Kleiven, S. (Uppsala, Sweden) and Szczepańska, W. (Mikolajki, Poland)
The effects of extracts from *Chara tomentosa* and two other aquatic macrophytes on seed germination 193
Lakshmanan, K.K. and Poornima, S. (Coimbatore, Tamil Nadu, India)
A rare occurrence of polyembryony in the seagrass *Halophila decipiens* Ostenfeld 397
Loquès, F., Caye, G. and Meinesz, A. (Nice, France)
Flowering and fruiting of *Zostera noltii* in Golfe Juan (French Mediterranean) 341
Lorch, H.J., *see* Suberkropp, K. et al.
MacFarland, D.G., *see* Barko, J.W. et al.
McMillan, C. (Austin, TX, U.S.A.) and Jewett-Smith, J. (Port Aransas, TX, U.S.A.)
The sex ratio and fruit production of laboratory germinated seedlings of *Halophila engelmannii* Aschers. (Hydrocharitacae) from Redfish Bay, Texas 329
McRoy, C.P., *see* Cooper, L.W.
Meinesz, A., *see* Loquès, F. et al.
Michelis, A., *see* Suberkropp, K. et al.
Moeller, R.E., Burkholder, J.M. and Wetzel, R.G. (Hickory Corners, MI, U.S.A.)
Significance of sedimentary phoshporus to a rooted submersed macrophyte (*Najas flexilis* (Willd.) Rostk. and Schmidt) and its algal epiphytes 261
Moore, K.A., *see* Orth, R.J. and Moore, K.A.
Niesenbaum, R.A. (Groton, CT, U.S.A.)
The ecology of sporulation by the macroalga *Ulva lactuca* L. (Chlorophyceae) 155
Orth, R.J. and Moore, K.A. (Gloucester Point, VA, U.S.A.)
Distribution of *Zostera marina* L. and *Ruppia maritima* L. sensu lato along depth gradients in the lower Chesapeake Bay, U.S.A. 291
Ottow, J.C.G., *see* Suberkropp, K. et al.
Parthasarathy, N., Ravikumar, K. and Ramamurthy, K. (Coimbatore Tamil Nadu, India)
Halophila decipiens Ostenf. in Southern India 179
Pip, E. and Stepaniuk, J. (Winnipeg, Man., Canada)
The effect of flooding on wild rice, *Zizania aquatica* L. 283
Poiani, K.A. and Johnson, W.C. (Blacksburg, VA, U.S.A.)
Evaluation of the emergence method in estimating seed bank composition of prairie wetlands 91
Poornima, S. *see* Lakshmanan, K.K.
Pratt, D.C., *see* Garver, E.G. et al.
Ramamurthy, K. *see* Parthasarathy, N. et al.
Ravikumar, K., *see* Parthasarathy, N. et al.
Roelofs, J.G.M., *see* Smits, A.J.M. et al.
Roman, C.T. (New Brunswick, NJ, U.S.A.) and Able, K.W. (Tuckerton, NJ, U.S.A.)
Production ecology of eelgrass (*Zostera marina* L.(in a Cape Cod salt marsh estuarine system, Massachusetts 353
Santha, C.R., *see* Colman, J.A. and Santha, C.R.
Seneca, E.D., *see* Broome, S.W. et al.
Smart, R.M., *see* Barko, J.W. et al.
Smith, T.J., III, (Townsville, Qld., Australia)
Differential distribution between sub-species of the mangrove *Ceriops tagal*: competitive interactions along a salinity gradient 79

Smits, A.J.M., de Lyon, M.J.H., van der Velde, G., Steentjes, P.L.M. and Roelofs, J.G.M. (Nijmegen, The Netherlands)
Distribution of three nymphaeid macrophytes (*Nymphaea alba* L., *Nuphar lutea* (L.) Sm. and *Nymphoides peltata* (Gmel.) O. Kuntze) in relation to alkalinity and uptake of inorganic carbon 45
Søndergaard, M. and Bonde, G. (Risskov, Denmark)
Photosynthetic characteristics and pigment content and composition in *Littorella uniflora* (L.) Aschers. in a depth gradient 307
Steentjes, P.L.M., *see* Smits, A.J.M. et al.
Stepaniuk, J., *see* Pip, E. and Stepaniuk, J. et al.
Stokes, P.M., *see* France, R.L. and Stokes, P.M.
Suberkropp, K. (Las Cruces, NM, U.S.A.), Michelis, A., Lorch, H.J. and Ottow, J.C.G. (Hohenheim, F.R.G.)
Effect of sewage treatment plant effluents on the distribution of aquatic hyphomycetes in the River Erms, Schwäbische Alb, F.R.G. 141
Szczepanska, W., *see* Kleiven, S. and Szczepanska. W.
Todeskino, D., *see* Brux, H. et al.
Ulrich, K.E. and Burton, T.M. (East Lansing, MI, U.S.A.)
An experimental comparison of the dry matter and nutrient distribution patterns of *Typha latifolia* L. *Typha angustifolia* L., *Sparganium eurycarpum* Engel M. and *Phragmites australis* (Cav.) Trin ex Steudel 129
Van der Velde, G. (Nijmegen, The Netherlands)
Book review of *Methoden der Hydrobiologie, Süsswasserbiologie*, by J. Schwoerbel 199
see Smits, A.J.M. et al.
Van Goor, E.M.J., *see* van Wijk, R.J. et al.
Van Wijk, R.J., van Goor, E.M.J. and Verkley, J.A.C. (Nijmegen, The Netherlands)
Ecological studies on *Potamogeton pectinatus* L. II. Autecological characteristics, with emphasis on salt tolerance, intraspecific variation and isoenzyme patterns 239
Verkley, J.A.C., *see* van Wijk, R.J. et al.
Wabeh, M.I. (Aqaba, Jordan)
Seasonal distribution and variation in the nutritrional quality of different fractions of two seagrass species from Aqaba (Red Sea), Jordan 383
Wetzel, R.G., *see* Moeller, R.E. et al.
Wiegleb, G., *see* Brux, H. et al.
Woodhouse, W.W., Jr., *see* Broome, S.W. et al.
Wooten, J.W. (Hattiesburg, MS, U.S.A.)
Book review of *River Plants of Western Europe, The Macrophytic Vegetation of Watercourses of the European Economic Community*, by S.M. Haslam 201